## REMARKS/ARGUMENTS

Objection to the title

In the Office Action, the Examiner has required that the title be amended to one that is clearly indicative of the invention to which the claims are directed. To comply with the Examiner's requirements, Applicant amends the title to read "METHOD AND APPARATUS FOR EMBEDDING DIGITAL-WATERMARK USING ROBUSTNESS PARAMETER". Withdrawal of this objection is respectfully requested.

Pending Claims

In this response, Claims 1-18 are canceled and Claims 19-30 are added. Accordingly, Claims 19-30 are pending.

Claims Rejections

In the Office Action, the Examiner has rejected Claims 10-11 and 14-15 under 35 U.S.C. 112 as being indefinite, Claim 18 under 35 U.S.C. 101, Claims 1-18 under 35 U.S.C. 103(a). These matters are believed to be addressed by the claim amendments submitted herewith. It is therefore respectfully submits that these rejections be withdrawn.

New Claims 19-30

Applicant respectfully submits that New Claims 19-30 are supported by the original disclosure. More specifically, all or at least some of the newly claimed features may be found in the original specification between paragraphs 145-165.

Applicant notes that at least one embodiment of the present invention is directed to counting a number of letters in a document image, calculating an embedding capacity based on the determined number of letters, determining whether or not the entire digital-watermark information is capable of being embedded in the document image based on the calculated embedding capacity, and embedding the digital-watermark information in the document image based on a result of the determination of whether or not the entire digital-watermark information is capable of being embedded in the document image.

A review of the cited reference Horino et al (US Patent 5,861,619) shows that Horino discloses embedding a digital-watermark in a document image. However, Horino fails to disclose counting a number of letters in a document image, calculating an embedding capacity based on the counted number of letters, determining whether or not the entire

digital-watermark information is capable of being embedded in the document image based on the calculated embedding capacity, and embedding the digital-watermark information in the document image based on a result of the determination of whether or not the entire digital-watermark information is capable of being embedded in the document image.

Furthermore, the cited references <u>Katsura</u> et al (US Patent 6,898,297) and <u>Alturki</u> et al (Non-Patent document) also fail to disclose counting a number of letters in a document image, calculating an embedding capacity based on the counted number of letters, determining whether or not the entire digital-watermark information is capable of being embedded in the document image based on the calculated embedding capacity, and embedding the digital-watermark information in the document image based on a result of the determination of whether or not the entire digital-watermark information is capable of being embedded in the document image.

In view of the foregoing, Applicant is of the opinion that New Claims 19-30 are allowable over the cited references.

Conclusion

In view of the foregoing, it is submitted that the claims are in condition for allowance. Reconsideration of the rejections and objections is requested. Allowance is earnestly solicited at the earliest possible date. If there are any additional fees due in connection with the filing of this response, please charge those fees to our Deposit Account No. 502,456. If a telephone interview would expedite the prosecution of this Application, the Examiner is invited to contact the undersigned at (949) 932-3316.

Respectfully submitted,
/Walter T. Kim/
Walter T. Kim
Attorney for Applicant
Registration No. 42,731

CANON U.S.A., INC.
INTELLECTUAL PROPERTY DIVISION
15975 Alton Parkway
Irvine, CA 92618
Tel: (949) 932-3316
Fax: (949) 932-3560